



DCP Operating Company, LP  
3026 4<sup>th</sup> Avenue  
Greeley, CO 80631  
970-356-9700

RECEIVED

OCT 01 2019

September 30, 2019

Enforcement and Compliance  
Assurance Division

Air Permit Division  
U. S. EPA, Region VIII  
1595 Wynkoop Street  
Denver, CO 80202

UPS Tracking # 1Z811254A293061428

Subject: DCP Operating Company LP  
Weld County Colorado  
NSPS OOOOa Annual LDAR Report

On behalf of DCP Operating Company LP, I am submitting this annual report for New Source of Performance for Crude Oil and Natural Gas Facilities for which construction, modification, or reconstruction commenced after September 18, 2015. This cover letter and attachments meet the requirements of 40 CFR 60.5420a (b)(1) and (b)(7)(i) through (xii).

As allowed in 40 CFR 60.5420a (b), notice is also provided to the Administrator that DCP wishes to change the due date of this report to April 11 of each subsequent year to align with other NSPS OOOO reporting.

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the attached documents are true, accurate, and complete.

Please contact Quentin Mendenhall by phone at 970-378-6385 or by email at [qmendenhall@dcpmidstream.com](mailto:qmendenhall@dcpmidstream.com) if you have any questions.

Sincerely,

(b) (6)

Tauna Rignall, General Manager Operations NBU  
DCP Operating Company, LP

Cc: Colorado Department of Health and Environment      UPS Tracking # 1Z811254A290385816  
Air Pollution Control Division  
Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South  
APCD-SS-B1  
Denver, Colorado 80246-1530

Attachments



The asterisk (\*) next to each field indicates that the corresponding field is required.

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))
e.g.: Well Site ABC	e.g.: 8/13/17	e.g.: 10:00 am	e.g.: 1:00 pm	e.g.: John Smith	e.g.: 90°F	e.g.: Sunny, no clouds	e.g.: 2 mph	e.g.: Company ABC optical gas imaging camera	e.g.: None	
1 70 Ranch		10/18/2018	12:00	13:00	(b) (6)	55 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		10/18/2018	12:00	13:00	(b) (6)	55 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		10/18/2018	12:00	13:00	(b) (6)	55 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		10/18/2018	12:00	13:00	(b) (6)	55 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		10/18/2018	12:00	13:00	(b) (6)	55 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		1/31/2019	13:00	15:15	(b) (6)	52 °F	Clear	10 mph	FLIR GF 320	None
1 70 Ranch		1/31/2019	13:00	15:15	(b) (6)	52 °F	Clear	10 mph	FLIR GF 320	None
1 70 Ranch		1/31/2019	13:00	15:15	(b) (6)	52 °F	Clear	10 mph	FLIR GF 320	None
1 70 Ranch		1/31/2019	13:00	15:15	(b) (6)	52 °F	Clear	10 mph	FLIR GF 320	None
1 70 Ranch		4/15/2019	13:00	15:00	(b) (6)	66 °F	Cloudy	5 mph	FLIR GF 320	None
1 70 Ranch		4/15/2019	13:00	15:00	(b) (6)	66 °F	Cloudy	5 mph	FLIR GF 320	None
1 70 Ranch		4/15/2019	13:00	15:00	(b) (6)	66 °F	Cloudy	5 mph	FLIR GF 320	None
1 70 Ranch		7/24/2019	9:30	11:30	(b) (6)	75 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		7/24/2019	9:30	11:30	(b) (6)	75 °F	Clear	0 mph	FLIR GF 320	None
1 70 Ranch		7/24/2019	9:30	11:30	(b) (6)	75 °F	Clear	0 mph	FLIR GF 320	None
2 Bernhardt		12/5/2018	8:15	9:45	(b) (6)	21 °F	Cloudy	5 mph	FLIR GF 320	None
2 Bernhardt		12/5/2018	8:15	9:45	(b) (6)	21 °F	Cloudy	5 mph	FLIR GF 320	None
2 Bernhardt		3/15/2019	12:00	13:15	(b) (6)	32 °F	Clear	5 mph	FLIR GF 320	None
2 Bernhardt		3/15/2019	12:00	13:15	(b) (6)	32 °F	Clear	5 mph	FLIR GF 320	None
2 Bernhardt		6/18/2019	13:15	16:30	(b) (6)	66 °F	Cloudy	0 mph	FLIR GF 320	None
2 Bernhardt		6/18/2019	13:15	16:30	(b) (6)	66 °F	Cloudy	0 mph	FLIR GF 320	None
2 Bernhardt		6/18/2019	13:15	16:30	(b) (6)	66 °F	Cloudy	0 mph	FLIR GF 320	None
3 Crossroads		9/7/2018	7:35 AM	12:30 PM	(b) (6)	61 degrees F	Clear	7 mph	FLIR GF 320	None
3 Crossroads		9/7/2018	7:35 AM	12:30 PM	(b) (6)	61 degrees F	Clear	7 mph	FLIR GF 320	None
3 Crossroads		9/7/2018	7:35 AM	12:30 PM	(b) (6)	61 degrees F	Clear	7 mph	FLIR GF 320	None
3 Crossroads		12/13/2018	7:00 AM	11:00 AM	(b) (6)	62 degrees F	Clear	9 mph	FLIR GF 320	None
3 Crossroads		12/13/2018	7:00 AM	11:00 AM	(b) (6)	62 degrees F	Clear	9 mph	FLIR GF 320	None
3 Crossroads		12/13/2018	7:00 AM	11:00 AM	(b) (6)	62 degrees F	Clear	9 mph	FLIR GF 320	None
3 Crossroads		12/13/2018	7:00 AM	11:00 AM	(b) (6)	62 degrees F	Clear	9 mph	FLIR GF 320	None
3 Crossroads		12/13/2018	7:00 AM	11:00 AM	(b) (6)	62 degrees F	Clear	9 mph	FLIR GF 320	None
3 Crossroads		7/30/2019	11:00	13:00	(b) (6)	94 °F	Partly Cloudy	4 mph	FLIR GF 320	None
4 Godfrey Bottoms		12/11/2018	1:30 PM	2:30 PM	(b) (6)	70 degrees F	Clear	7 mph	FLIR GF 320	None
4 Godfrey Bottoms		12/11/2018	9:45 AM	1:30 PM	(b) (6)	37 degrees F	Clear	5 mph	FLIR GF 320	None
4 Godfrey Bottoms		12/11/2018	9:45 AM	1:30 PM	(b) (6)	37 degrees F	Clear	5 mph	FLIR GF 320	None



Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (\$60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (\$60.5420a(b)(7)(x))
e.g.: Valve	e.g.: 3	e.g.: Valve	e.g.: 1	e.g.: Valve	e.g.: 1	e.g.:Valve	e.g.: 1	e.g.: 11/10/16
Valve Cap		1 Valve Cap		1				10/19/2018
Connector		1						10/19/2018
Valve Cap		1 Valve Cap		1				10/19/2018
Valve Cap		1 Valve Cap		1				10/19/2018
Pressure Relief Device		1						10/19/2018
Flange		1						2/1/2019
Flange		1						2/1/2019
Flange		1 Flange		1				3/17/2019
Flange		1						2/1/2019
Connector		1						4/18/2019
Valve Cap		1 Valve Cap		1				4/16/2019
Valve Cap		1 Valve Cap		1				4/16/2019
Open-Ended Line		1 Open-Ended Line		1				8/29/2019
Valve Cap		1 Valve Cap		1				7/25/2019
Thief Hatch		1 Thief Hatch		1				8/21/2019
Valve Cap		1 Valve Cap		1				1/4/2019
Connector		1 Connector		1				2/12/2019
Connector								3/19/2019
Valve Cap		1 Valve Cap		1				3/19/2019
Valve		1						6/21/2019
Connector		1						6/21/2019
Flange		1						6/21/2019
Connector		1						3/8/2019
Flange		1						3/8/2019
Valve		1						12/12/2018
Open-Ended Line		1						12/13/2018
Connector		1						12/13/2018
Flange		1						12/13/2018
Connector		1						12/15/2018
Open-Ended Line		1						12/15/2018
Valve Cap		1 Valve Cap		1				
Connector		1						12/14/2018
Connector		1 Connector		1				8/9/2019
Valve		1						12/11/2018



				OGI	Compressor Station Affected Facility Only	
Type of Component Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (\$60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (\$60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (\$60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (\$60.5420a(b)(7))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (\$60.5420a(b)(7))
e.g.: Valve	e.g.: 1	e.g.: Unsafe to repair until next shutdown	e.g.: Company ABC optical gas imaging camera	e.g.: Trained thermographer; completed 40-hour course at XYZ Training Center. Has 10 years of experience with OGI surveys.	e.g.: Yes	e.g.: January; February; and March
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Open-Ended Line		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Thief Hatch		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
		Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next shutdown	FLIR GF320	Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		



The asterisk (\*) next to each field indicates that the corresponding field is required.

[illegible]



Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (\$60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (\$60.5420a(b)(7)(x))
Connector	1							12/14/2018
Pressure Relief Device		1 Pressure Relief Device	1					
Connector		1 Connector	1					3/18/2019
Connector		1						12/14/2018
Valve		1 Valve	1					3/18/2019
Valve Cap		1 Valve Cap	1					8/1/2019
Valve Cap		1 Valve Cap	1					8/1/2019
Valve		1						8/1/2019
Valve		1						8/9/2019
Valve		1						29-Jul
Valve Cap		1 Valve Cap	1					10/18/2018
Valve Cap		1 Valve Cap	1					10/18/2018
Connector		1						2/5/2019
Connector		1						2/5/2019
Connector		1 Connector	1					2/5/2019
Open-Ended Line		1						4/16/2019
Connector		1						4/16/2019
Pressure Relief Device		1 Pressure Relief Device	1					6/25/2019
Valve Cap		1 Valve Cap	1					7/25/2019
Connector		1 Connector	1					7/25/2019
Flange		1 Flange	1					2/21/2019
Connector		1 Connector	1					2/21/2019
Flange		1 Flange	1					12/18/2018
Valve Cap		1 Valve Cap	1					3/18/2019
Flange		1 Flange	1					8/7/2019
Valve		1 Valve	1					3/18/2019
Flange		1 Flange	1					3/15/2019
Valve		1 Valve	1					3/15/2019
Flange		1 Flange	1					3/15/2019
Flange		1 Flange	1					3/15/2019
Flange		1 Flange	1					3/15/2019
Pressure Relief Device		1 Pressure Relief Device	1					6/21/2019
Valve Cap		1 Valve Cap	1					3/15/2019
Connector		1 Connector	1					4/17/2019
Connector		1 Connector	1					3/21/2019
Flange		1 Flange	1					8/14/2019
Flange		1 Flange	1					7/12/2019



				OGI	Compressor Station Affected Facility Only	
Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (§60.5420a(b)(7))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (§60.5420a(b)(7))
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Pressure Relief Device		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Pressure Relief Device		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Pressure Relief Device		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Valve Cap		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Flange		1 Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		



The asterisk (\*) next to each field indicates that the corresponding field is required.

[illegible]

Type of Component for which Fugitive Emissions Detected *	Number of Each Component Type for which Fugitive Emissions Detected *	Type of Component Not Repaired as Required in §60.5397a(h) *	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) *	Type of Difficult-to-Monitor Components Monitored *	Number of Each Difficult-to-Monitor Component Type Monitored *	Type of Unsafe-to-Monitor Component Monitored *	Number of Each Unsafe-to-Monitor Component Type Monitored *	Date of Successful Repair of Fugitive Emissions Component *
(§60.5420a(b)(7)(vii))	(§60.5420a(b)(7)(vii))	(§60.5420a(b)(7)(viii))	(§60.5420a(b)(7)(viii))	(§60.5420a(b)(7)(ix))	(§60.5420a(b)(7)(ix))	(§60.5420a(b)(7)(ix))	(§60.5420a(b)(7)(ix))	(§60.5420a(b)(7)(x))
Open-Ended Line	1	Open-Ended Line	1					7/12/2019
Pressure Relief Device	1							6/21/2019
Pressure Relief Device	1							6/21/2019
Connector	1	Connector	1					7/25/2019
Open-Ended Line	1							8/20/2019
Connector	1	Connector	1					8/1/2019
Connector	1	Connector	1					8/1/2019
Flange	1							8/1/2019
Thief Hatch	1	Thief Hatch	1					



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Type of Component Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (\$60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (\$60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (\$60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (\$60.5420a(b)(7))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (\$60.5420a(b)(7))
Open-Ended Line	1	Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector	1	Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector	1	Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Connector	1	Unsafe to repair until next FLIR GF320		Trained Thermographer; completed 24-hour ITC Infrared Ther No		
				Trained Thermographer; completed 24-hour ITC Infrared Ther No		
Thief Hatch	1	Unsafe to repair until next shutdown		Trained Thermographer; completed 24-hour ITC Infrared Ther No		